

# EUROPEAN PATENT OFFICE

## Patent Abstracts of Japan

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APPLICANT : MITSUBISHI PAPER MILLS LTD;

INVENTOR : ISHIGURO MAMORU;

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TITLE : PREPARATION OF MINUTE MICROCAPSULE

ABSTRACT : PURPOSE: To facilitate preparation of minute microcapsules of uniform grain size, by adding a water-soluble solvent to an aqueous acid solution of a maleic anhydride copolymer in preparing minute microcapsules.

CONSTITUTION: A hydrophobic substance is dispersed into an aqueous acidic solution of a maleic anhydride copolymer, such as styrene-maleic anhydride copolymer to give an emulsion, and a melamine resin precondensate is added to prepare microcapsules under pressure. At that time, a water-soluble solvent, such as acetone or ethanol is added, thus permitting a minutely dispersed and emulsified fluid to be obtained in a short time by the effect of the solvent, and therefore, fine microcapsules of uniform size to be prepared easily.

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